

Title (en)
POLYMER HAVING A MULTIMODAL MOLECULAR WEIGHT DISTRIBUTION

Title (de)
MULTIMODALE POLYETHYLENPOLYMERE UND VERFAHREN ZUR HERSTELLUNG DIESES POLYMERS

Title (fr)
POLYMÈRES POLYÉTHYLÈNE MULTIMODAUX ET PROCÉDÉ DE PRÉPARATION DESDITS POLYMÈRES

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Application
EP 15164618 A 20130131

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Abstract (en)
The present invention provides a process for the preparation of a polyethylene comprising: (i) 20-70% wt of a lower molecular weight ethylene polymer; (ii) 20-70% wt of a first higher molecular weight ethylene polymer; and (iii) 0.5-30% wt of a second higher molecular weight ethylene polymer, wherein said second higher molecular weight ethylene copolymer has a greater weight average molecular weight than said first higher molecular weight ethylene copolymer and wherein said process comprises the sequential steps (a)-(c): (a) polymerising ethylene and optionally an \pm -olefin comonomer in a first reactor to produce a lower molecular weight ethylene polymer; (b) polymerising ethylene and an \pm -olefin comonomer in a second reactor to produce a second higher molecular weight ethylene copolymer; and (c) polymerising ethylene and an \pm -olefin comonomer in a third reactor to produce a first higher molecular weight ethylene copolymer, wherein each polymerisation is catalysed by a Ziegler Natta catalyst.

IPC 8 full level
C08L 23/04 (2006.01)

CPC (source: CN EP GB KR)
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C-Set (source: CN EP)
CN
1. **C08F 10/02 + C08F 2/001**
2. **C08F 10/02 + C08F 2500/01 + C08F 2500/02 + C08F 2500/05 + C08F 2500/12 + C08F 2500/13 + C08F 2500/17**
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4. **C08L 23/0815 + C08L 23/06 + C08L 23/0815**
EP
1. **C08F 10/02 + C08F 2/001**
2. **C08F 110/02 + C08F 2500/01 + C08F 2500/02 + C08F 2500/05 + C08F 2500/12 + C08F 2500/13 + C08F 2500/17**

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